

COURSE OUTLINE

HEED-230

Health and the Disease Process

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course provides an introduction to the fundamentals of general pathophysiology of disease processes. It is designed for students enrolled in health programs and those interested in pursuing an advanced degree in the medical/allied health fields. Causes, signs and symptoms, incidence, treatment, and patient teaching are presented. Interventions to prevent disease and promote wellness are integrated into clinical situations. (3 hours weekly)

Overall Course Objectives

Upon completion of this course the student will be able to:

1. Identify variables which influence the development and progression of disease processes.
2. Compare and contrast normal and abnormal responses to stress.
3. Identify disorders that affect the whole body and specific body systems.
4. Compare and contrast normal physiology with alterations in functioning.
5. Apply concepts of disease to alterations in functioning.
6. Align treatment modalities with a return to homeostasis.
7. Discuss interventions to prevent altered states of wellness.
8. Compare diagnostic and therapeutic approaches to management of care for disease processes.

Major Topics

1. Review Foundations of Normal Anatomy and Physiology.
2. Basic Concepts of Pathophysiology
3. Influence of Alteration in Homeostasis and the Development of Disease
4. Risk Factors for Development of Disease
5. Alterations in Body Systems
 - Neurologic System
 - Endocrine System
 - Hematologic System
 - Cardiovascular and Lymphatic Systems
 - Pulmonary System
 - Renal and Urologic Systems
 - Reproductive Systems
 - Digestive System
 - Musculoskeletal and Integumentary Systems

Course Requirements

Grading and course requirements will be described in the course syllabus and will be in the following areas:

Written Tests
Written Assignment
Teaching Demonstration

Other Course Information

Health and the Disease Process is a Health elective.